DATABASE MANAGEMENT SYSTEM

OF

CSWCRTI

Version DBMS-CSWCRTI Version - 1

User's Manual

Prepared by

Dr. Pankaj Panwar
Ms. Chayna Jana
Dr. N.M. Alam
Dr. Rajesh Kaushal
Dr. P.K. Mishra

Central Soil and Water Conservation Research and Training Institute
218, Kaulagarh Road, Dehra Dun, 248 195– INDIA

Introduction

The DBMS of CSWCRTI has been prepared with the objective following the open access policy of ICAR. This DBMS is also in line with the emphasise of Government of India from time to time to reduce the utilization of paper. The DBMS is also a framework through which CSWCRTI intend to digitise its most of the scientific data and scientific communication between Scientists, PME Cell and Director which can be available as and when required by the genuine organisations. This will lead to efficient and quick research management in the institute.

Software

The software used is ASP.net and for data storage Sql server had been used.

Sections of the DBMS

The system has two different Data Bases

A) Open Access
B) Restricted Access

A) Open Assess

Information which can be assessed by any person either within the institute, ICAR or other organisations. This includes information related to staff, infrastructure, activities and technologies which had been developed and released by the Institute.

B) Restricted Access

This section has restricted access and can only be accessed through passwords. The access had been restricted as it contains unpublished data generated by the scientists of the institute and also contains correspondences within the institute related to research and meetings.

Using the DBMS

Visit the website www.cswcrtiweb.org

Select the Research Centres and from drop down menu. Select the relevant centre for which one desires to seek the information (Fig. 1)

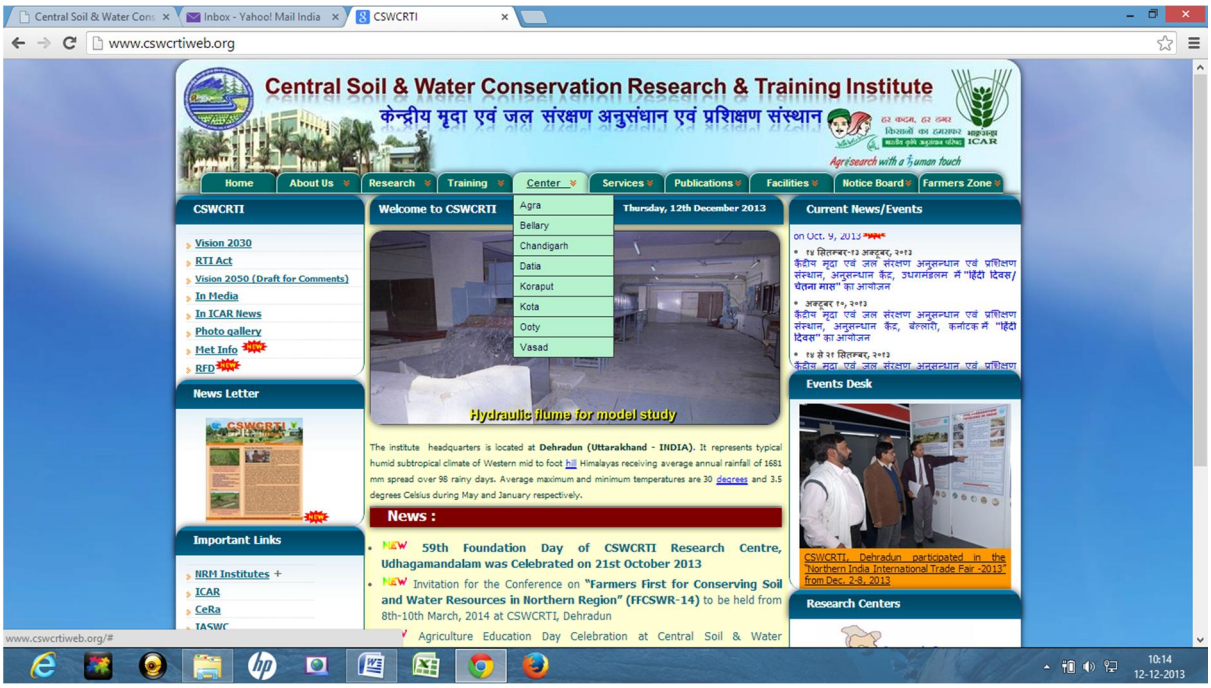


Fig 1. Home page

For example to choose Chandigarh centre,click on the Chandigarh centre, user will be redirected to the home page of Chandigarh. The home page provides a brief history of the centre (Fig. 2).

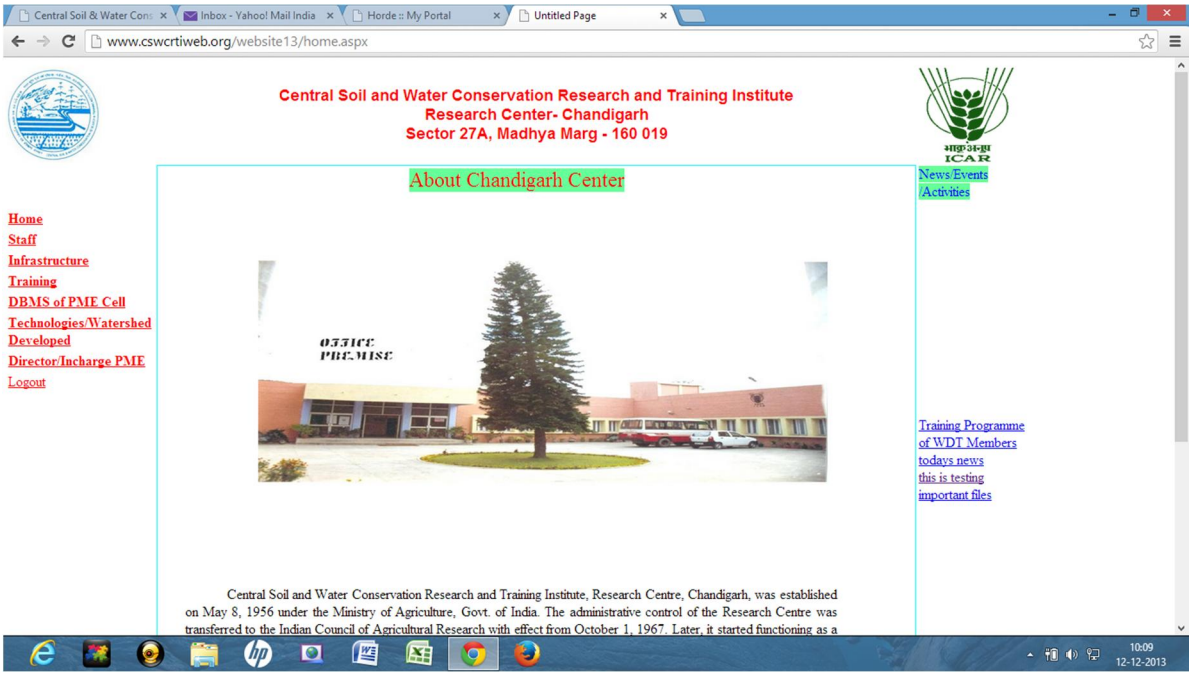

Central Soil and Water Conservation Research and Training Institute
Research Center- Chandigarh
Sector 27A, Madhya Marg - 160 019
About Chandigarh Center
Home
Staff
Infrastructure
Training
DBMS of PME Cell
Technologies/Watershed Developed
Director/Incharge PME
Logout
News/Events
Activities
Training Programme of WDT Members
todays news
this is testing
important files
Central Soil and Water Conservation Research and Training Institute, Research Centre, Chandigarh, was established on May 8, 1956 under the Ministry of Agriculture, Govt. of India. The administrative control of the Research Centre was transferred to the Indian Council of Agricultural Research with effect from October 1, 1967. Later, it started functioning as a

Fig 2. Home page of Chandigarh Centre

On left side of the page there are certain links and on the right side of the page there is news/events scrolling. On clicking any of the news items user will be prompted /taken to another page (Fig. 3), where the user can click the hyperlink to download the document which can be a word/pdf/excel file.

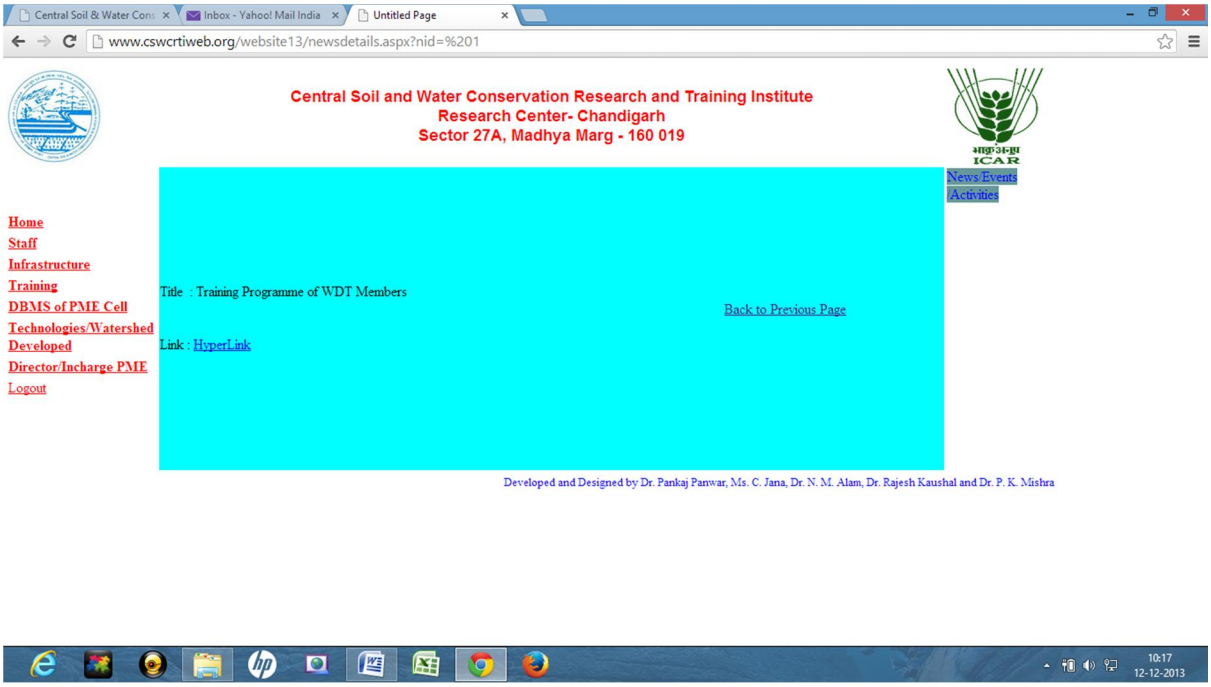


Fig 3. Training programme of DWT Members

Staff of the center

On left side of the Home page click on Staff. It will take the user to the page where list of all the scientific and technical staff of the center along with their subject of specialisation is listed (Fig. 4). On the bottom of the list see 1 2 3 number, these are the pages containing the list of other staff members. Click 2 to move to second page and likewise to other pages.

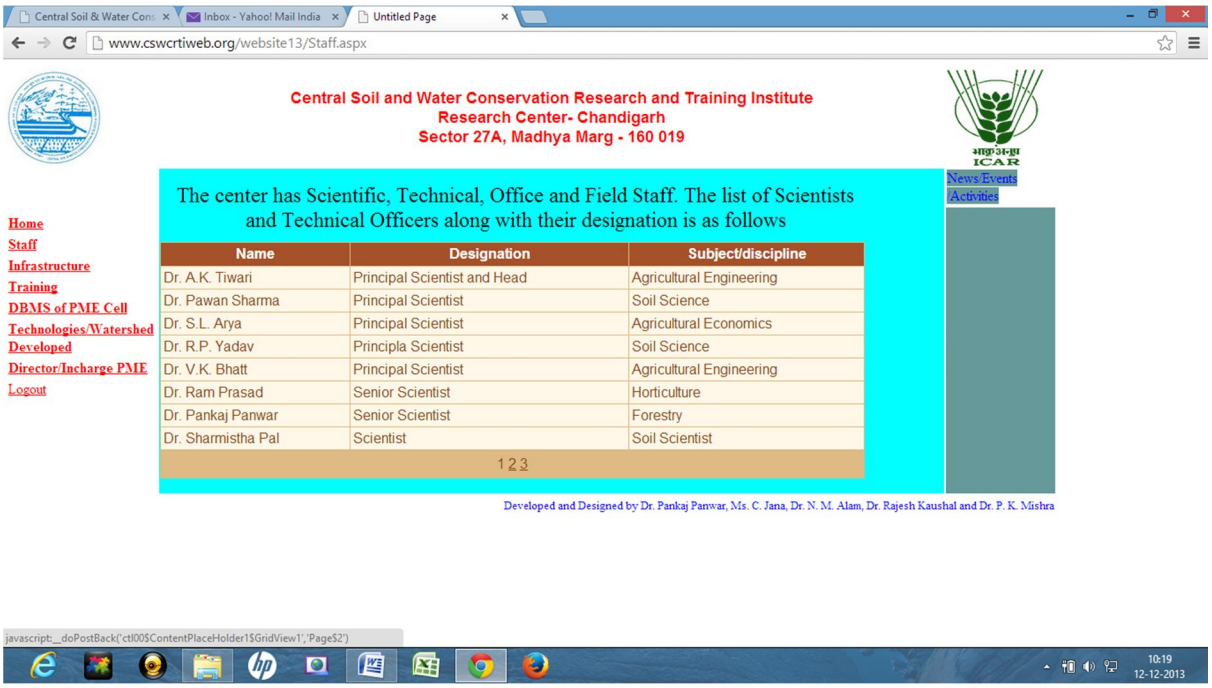

Central Soil & Water Cons
Inbox - Yahoo! Mail India
Untitled Page
www.cswcrtiweb.org/website13/Staff.aspx
Central Soil and Water Conservation Research and Training Institute
Research Center- Chandigarh
Sector 27A, Madhya Marg - 160 019
ICAR
News/Events
Activities
Home
Staff
Infrastructure
Training
DBMS of PME Cell
Technologies/Watershed Developed
Director/Incharge PME
Logout
The center has Scientific, Technical, Office and Field Staff. The list of Scientists and Technical Officers along with their designation is as follows
Name | Designation | Subject/discipline
Dr. A.K. Tiwari | Principal Scientist and Head | Agricultural Engineering
Dr. Pawan Sharma | Principal Scientist | Soil Science
Dr. S.L. Arya | Principal Scientist | Agricultural Economics
Dr. R.P. Yadav | Principla Scientist | Soil Science
Dr. V.K. Bhatt | Principal Scientist | Agricultural Engineering
Dr. Ram Prasad | Senior Scientist | Horticulture
Dr. Pankaj Panwar | Senior Scientist | Forestry
Dr. Sharmistha Pal | Scientist | Soil Scientist
1 2 3
Developed and Designed by Dr. Pankaj Panwar, Ms. C. Jana, Dr. N. M. Alam, Dr. Rajesh Kaushal and Dr. P. K. Mishra
javascript:__doPostBack('ctl00$ContentPlaceHolder1$GridView1','Page$2')
10:19
12-12-2013

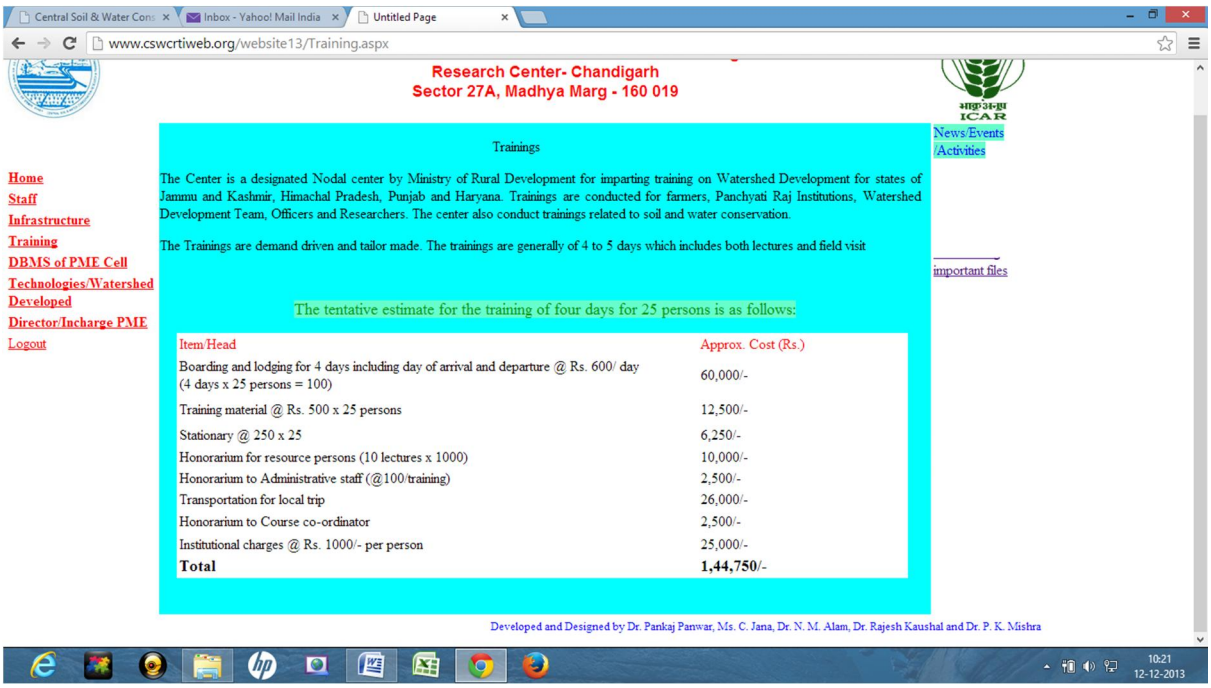
Fig 4. Staff of Chandigarh Centre

Infrastructure available and the contact person

Infrastructure button is located below Staff button. It will take you to the page where Name of the instruments/equipments, place where they had been kept and the contact person name are listed.

Training

The centres are conducting training of Farmers/(Full form of PRI) PRI members and Officers of the Institute. This page had been specifically made to the State departments/NGO's etc which intends to get the farmers and officer or PRI members trained on watershed or soil and water conservation. It provides tentative items and corresponding funds required for conducting the training (Fig. 5). For detail the organisers are required to contact the Director of the Institute.


Central Soil & Water Cons
Inbox - Yahoo! Mail India
Untitled Page
www.cswcrtiweb.org/website13/Training.aspx
Research Center- Chandigarh
Sector 27A, Madhya Marg - 160 019
ICAR
Home
Staff
Infrastructure
Training
DBMS of PME Cell
Technologies/Watershed Developed
Director/Incharge PME
Logout
News/Events /Activities
important files
Trainings
The Center is a designated Nodal center by Ministry of Rural Development for imparting training on Watershed Development for states of Jammu and Kashmir, Himachal Pradesh, Punjab and Haryana. Trainings are conducted for farmers, Panchyati Raj Institutions, Watershed Development Team, Officers and Researchers. The center also conduct trainings related to soil and water conservation.
The Trainings are demand driven and tailor made. The trainings are generally of 4 to 5 days which includes both lectures and field visit
The tentative estimate for the training of four days for 25 persons is as follows:
Item/Head
Approx. Cost (Rs.)
Boarding and lodging for 4 days including day of arrival and departure @ Rs. 600/ day (4 days x 25 persons = 100)
60,000/-
Training material @ Rs. 500 x 25 persons
12,500/-
Stationary @ 250 x 25
6,250/-
Honorarium for resource persons (10 lectures x 1000)
10,000/-
Honorarium to Administrative staff (@100/training)
2,500/-
Transportation for local trip
26,000/-
Honorarium to Course co-ordinator
2,500/-
Institutional charges @ Rs. 1000/- per person
25,000/-
Total
1,44,750/-
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10:21
12-12-2013

Fig 5. Training page

DBMS for PME (Data Base Management System for Project Monitoring and Evaluation)

This is a module developed for management of scientific data generated by the scientists of the Institute and hence has restricted access. It can be accessed only through user name and passwords generated and communicated to scientists of the Institute. On clicking on DBMS for PME the user will be directed to the following page (Fig. 5).

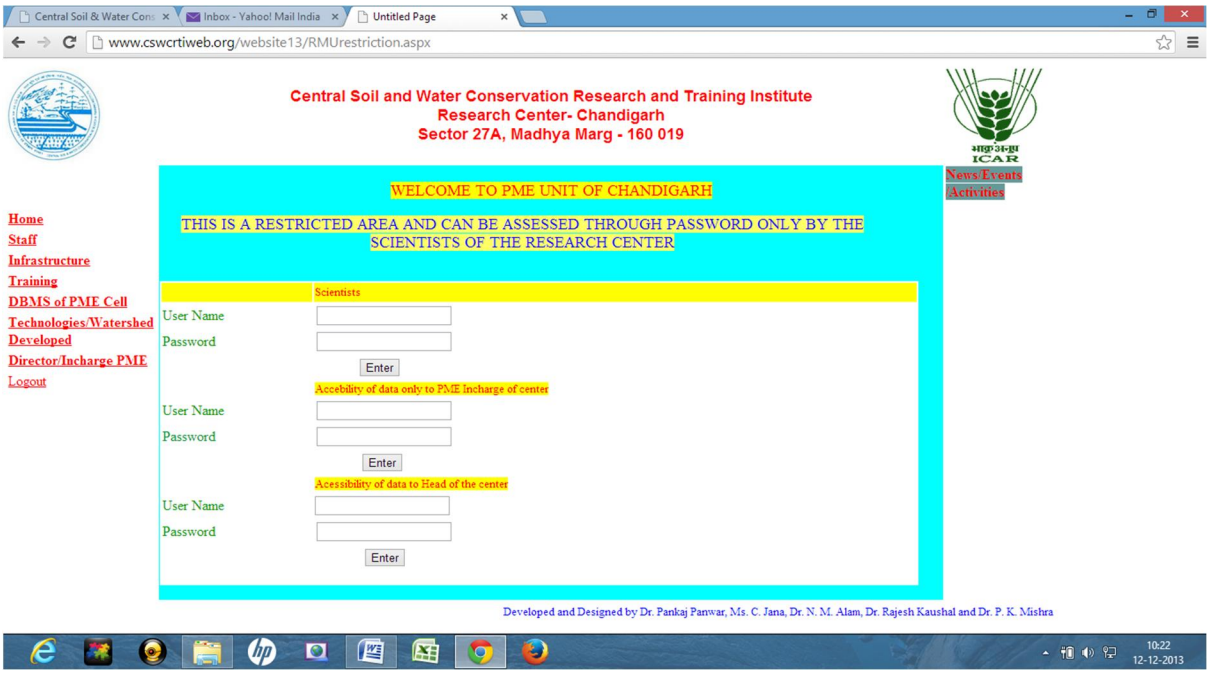
Central Soil and Water Conservation Research and Training Institute
Research Center- Chandigarh
Sector 27A, Madhya Marg - 160 019
WELCOME TO PME UNIT OF CHANDIGARH
THIS IS A RESTRICTED AREA AND CAN BE ASSESSED THROUGH PASSWORD ONLY BY THE SCIENTISTS OF THE RESEARCH CENTER
Home
Staff
Infrastructure
Training
DBMS of PME Cell
Technologies/Watershed Developed
Director/Incharge PME
Logout
News/Events
Activities
Scientists
User Name
Password
Enter
Accebility of data only to PME Incharge of center
Acessibility of data to Head of the center
Developed and Designed by Dr. Pankaj Panwar, Ms. C. Jana, Dr. N. M. Alam, Dr. Rajesh Kaushal and Dr. P. K. Mishra

Fig 6. Login page of various users

There are three categories of the user of DBMS at centre level 1. Scientist/Project Investigator (P.I) 2. Incharge PME 3) Head of the centre

1) **Scientist/Project Investigator (P.I)**
The DBMS had been developed in such a way that only P.I of the project will enter the data/reports of the project to avoid duplicacy (if all Co-PI's are allowed to enter their respective data). The user name and the password are required to enter into the system by scientist. The user name and password will be generated through online system and provided to all the scientists of the Institute but data pertaining to a particular project can be entered by the PI onlyOn entering username and password a new page opens as shown in fig. 7.

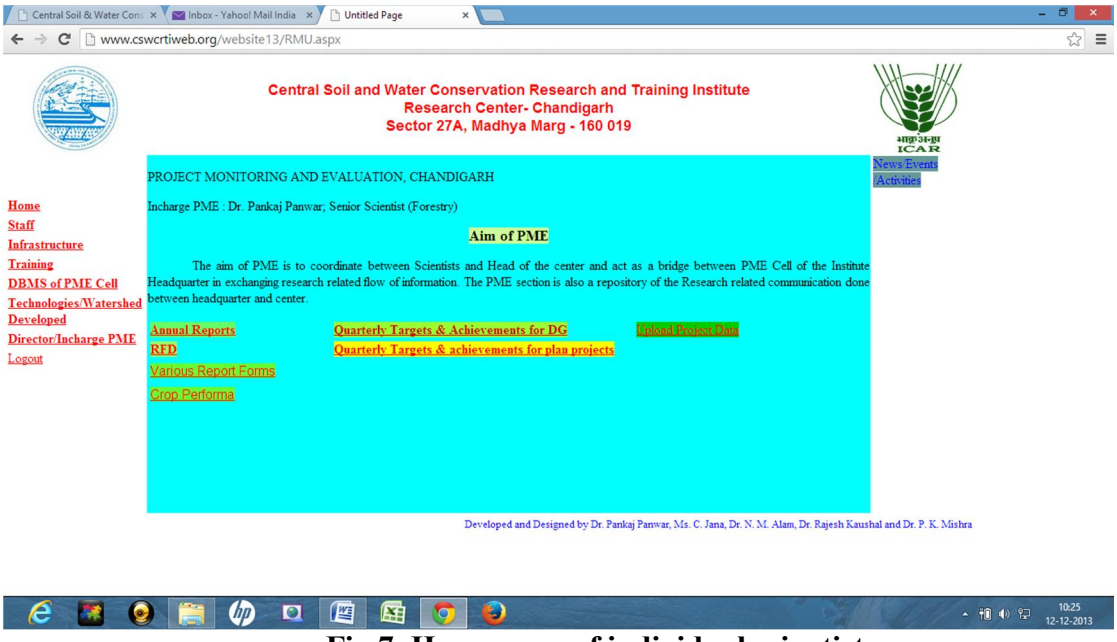
Central Soil and Water Conservation Research and Training Institute
Research Center- Chandigarh
Sector 27A, Madhya Marg - 160 019
PROJECT MONITORING AND EVALUATION, CHANDIGARH
Incharge PME : Dr. Pankaj Panwar, Senior Scientist (Forestry)
Aim of PME
The aim of PME is to coordinate between Scientists and Head of the center and act as a bridge between PME Cell of the Institute Headquarter in exchanging research related flow of information. The PME section is also a repository of the Research related communication done between headquarter and center.
Annual Reports
RFD
Various Report Forms
Crop Performa
Quarterly Targets & Achievements for DG
Quarterly Targets & achievements for plan projects
Upload Project Data
Home
Staff
Infrastructure
Training
DBMS of PME Cell
Technologies/Watershed Developed
Director/Incharge PME
Logout
News/Events
Activities
Developed and Designed by Dr. Pankaj Panwar, Ms. C. Jana, Dr. N. M. Alam, Dr. Rajesh Kaushal and Dr. P. K. Mishra

Fig 7. Home page of individual scientists

In new page the user can see all the annual reports of the centre/division. The proposed annual RFD of the centre/division, various report Forms and crop performa for various purposes can be assessed by just clicking the required document. On clicking **Annual Report** you can get various annual reports (Fig. 8)

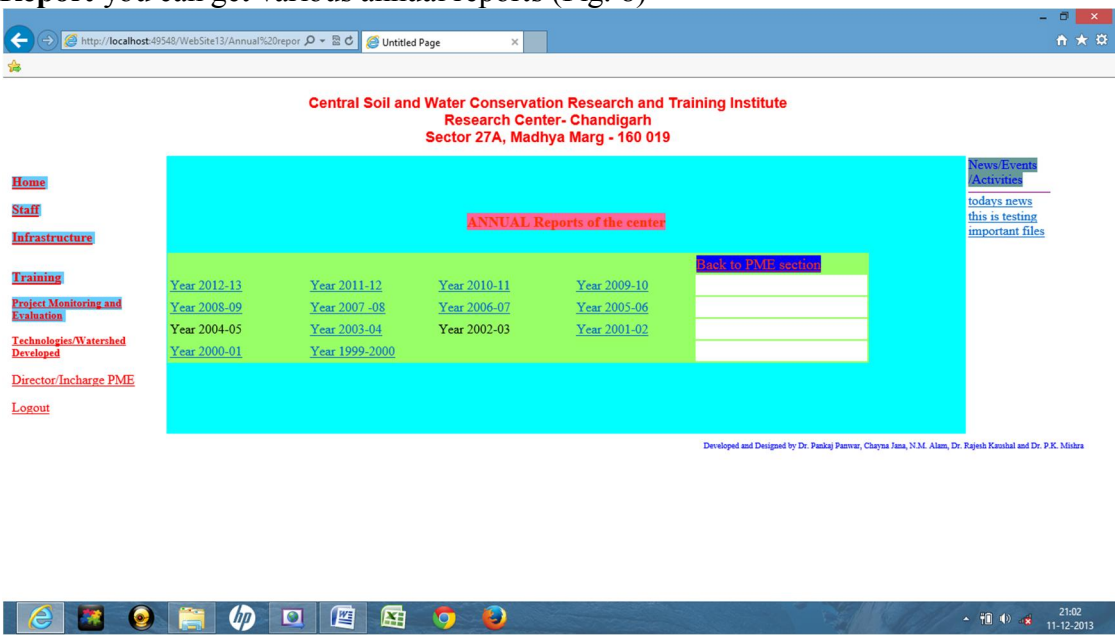

Fig 8 User page

Similarly, on choosing **RFD** following page (Fig 9) will open, where the user can see or download information related to RFD of their Centre/Division with a simple click.

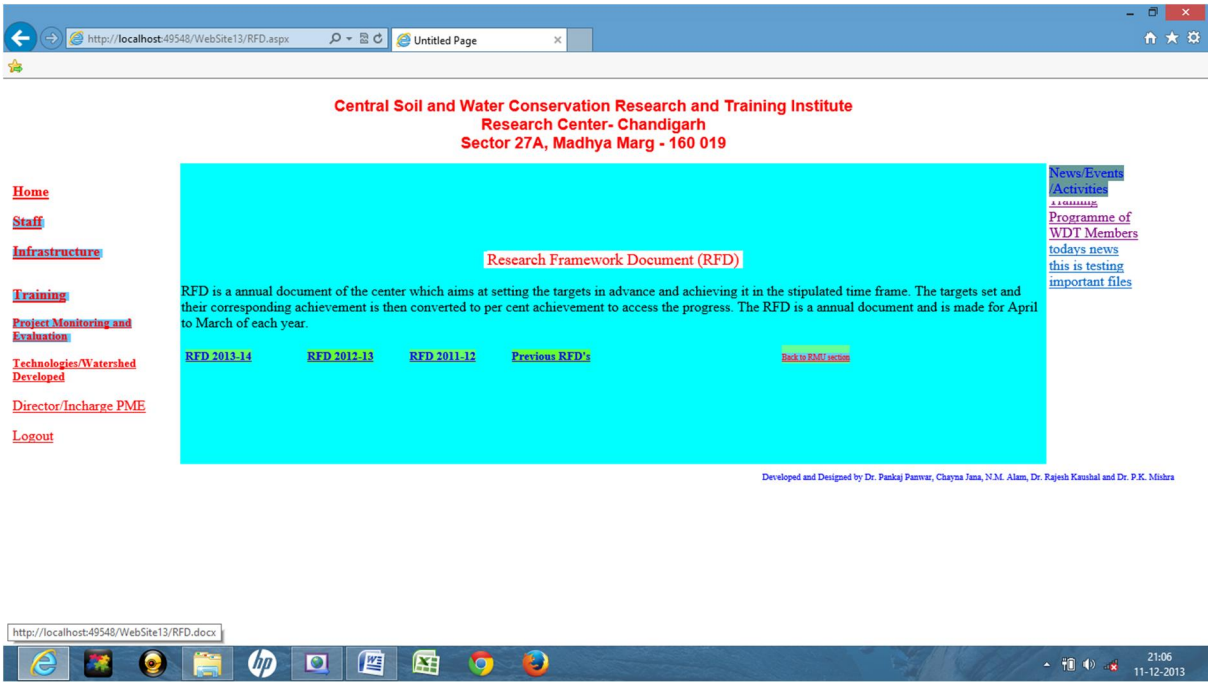
Central Soil and Water Conservation Research and Training Institute
Research Center- Chandigarh
Sector 27A, Madhya Marg - 160 019
Home
Staff
Infrastructure
Training
Project Monitoring and Evaluation
Technologies/Watershed Developed
Director/Incharge PME
Logout
Research Framework Document (RFD)
RFD is a annual document of the center which aims at setting the targets in advance and achieving it in the stipulated time frame. The targets set and their corresponding achievement is then converted to per cent achievement to access the progress. The RFD is a annual document and is made for April to March of each year.
RFD 2013-14
RFD 2012-13
RFD 2011-12
Previous RFD's
News/Events /Activities
Programme of WDT Members
todays news
this is testing
important files

Fig 9. User page

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Targets and achievement for DG

This is the most important page. On clicking it you will be taken to new page (Fig.10) where the user (PI of the projects) will be able to upload their quarterly target and achievements which are sent to DG, ICAR.

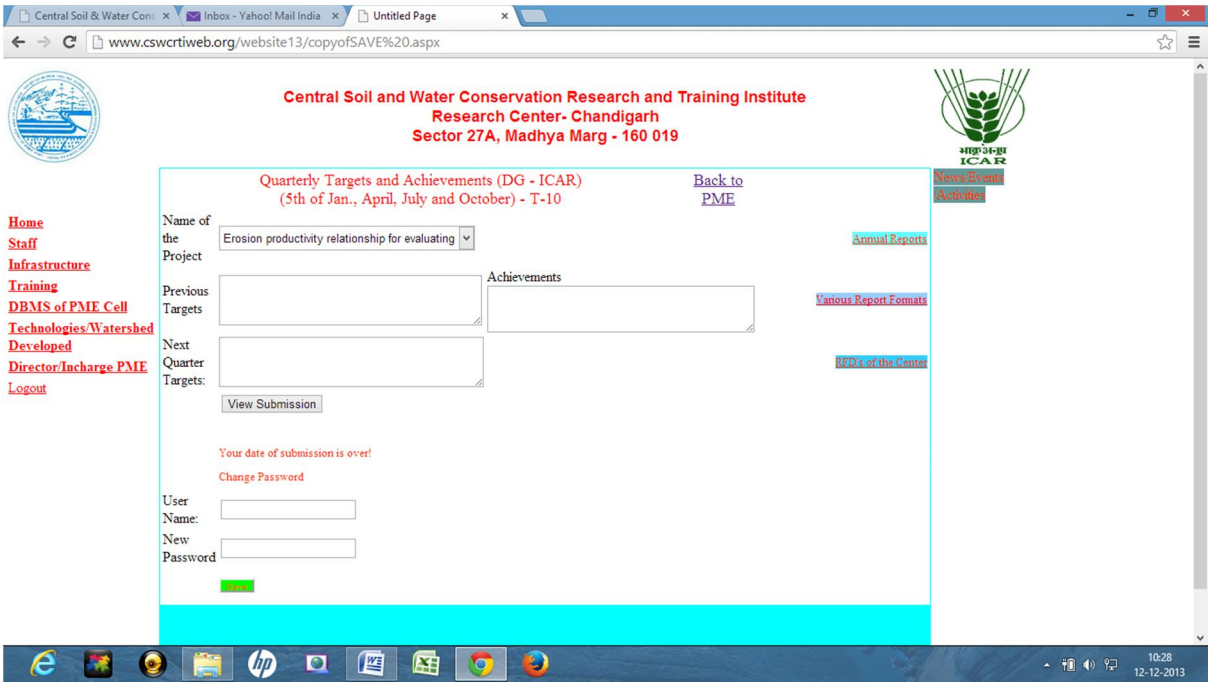

Fig 10. Quarterly targets and achievements

Here on the top the month of its submission had been mentioned. There is an inbuilt mechanism which do not allow you to submit your target and achievement once the date of submission is over. **Submit** button will be highlighted during the time of submission of target and achievements into the system allotted by the administrator. If the time is over it will show **Your submission time is over.**

To submit the target and achievement of a particular project, the user have to select the Name of the project from drop down menu of which he/she is a P.I.. Automatically the previous target which you have provided will appear in the box "Previous Targets" (Fig. 11).If the user select a project in which he is not PI, it will show **Invalid selection**.

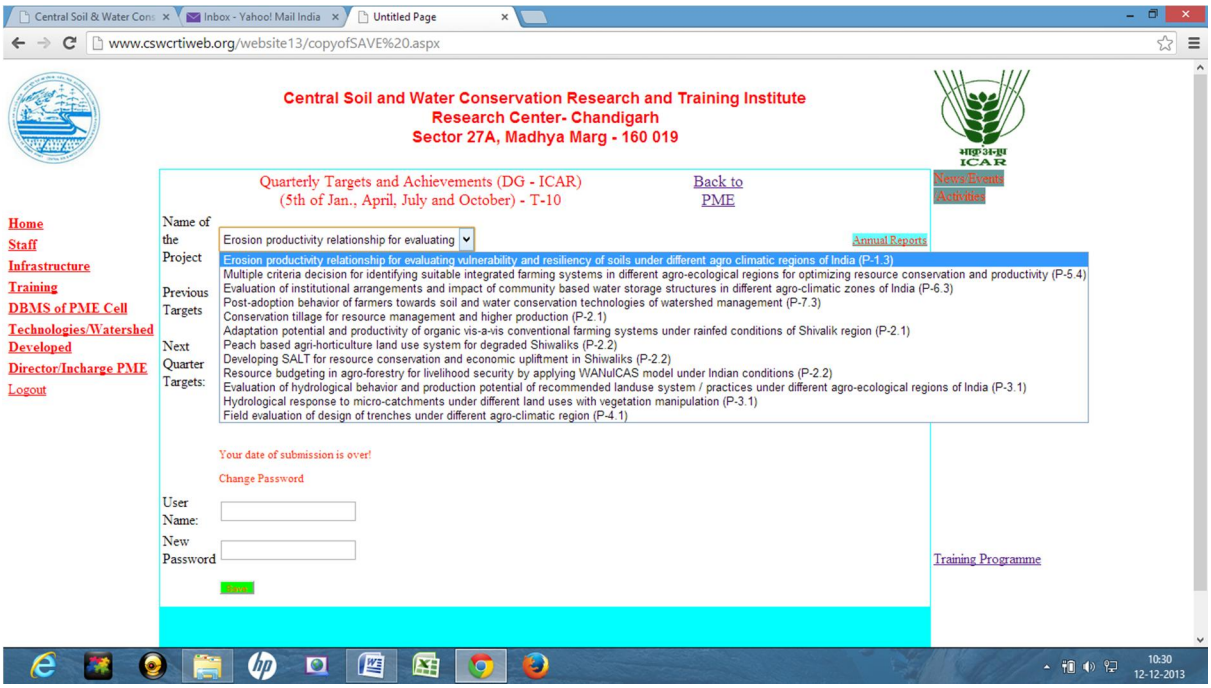
Central Soil and Water Conservation Research and Training Institute
Research Center- Chandigarh
Sector 27A, Madhya Marg - 160 019
Quarterly Targets and Achievements (DG - ICAR)
(5th of Jan., April, July and October) - T-10
Back to PME
Home
Staff
Infrastructure
Training
DBMS of PME Cell
Technologies/Watershed Developed
Director/Incharge PME
Logout
Name of the Project
Previous Targets
Next Quarter Targets:
Erosion productivity relationship for evaluating
Erosion productivity relationship for evaluating vulnerability and resiliency of soils under different agro climatic regions of India (P-1.3)
Multiple criteria decision for identifying suitable integrated farming systems in different agro-ecological regions for optimizing resource conservation and productivity (P-5.4)
Evaluation of institutional arrangements and impact of community based water storage structures in different agro-climatic zones of India (P-6.3)
Post-adoption behavior of farmers towards soil and water conservation technologies of watershed management (P-7.3)
Conservation tillage for resource management and higher production (P-2.1)
Adaptation potential and productivity of organic vis-a-vis conventional farming systems under rainfed conditions of Shivalik region (P-2.1)
Peach based agri-horticulture land use system for degraded Shiwaliks (P-2.2)
Developing SALT for resource conservation and economic upliftment in Shiwaliks (P-2.2)
Resource budgeting in agro-forestry for livelihood security by applying WANuICAS model under Indian conditions (P-2.2)
Evaluation of hydrological behavior and production potential of recommended landuse system / practices under different agro-ecological regions of India (P-3.1)
Hydrological response to micro-catchments under different land uses with vegetation manipulation (P-3.1)
Field evaluation of design of trenches under different agro-climatic region (P-4.1)
Annual Reports
News/Events
Activities
Your date of submission is over!
Change Password
User Name:
New Password
Training Programme

Fig 11. List of ongoing projects

The PI have to upload the achievement of the previous target in the box given on the right side under "Achievement" and also the Targets for the next quarter in the Next Quarter Target box. Click on "View Submission" user will be able to see a new window as shown in fig 12.

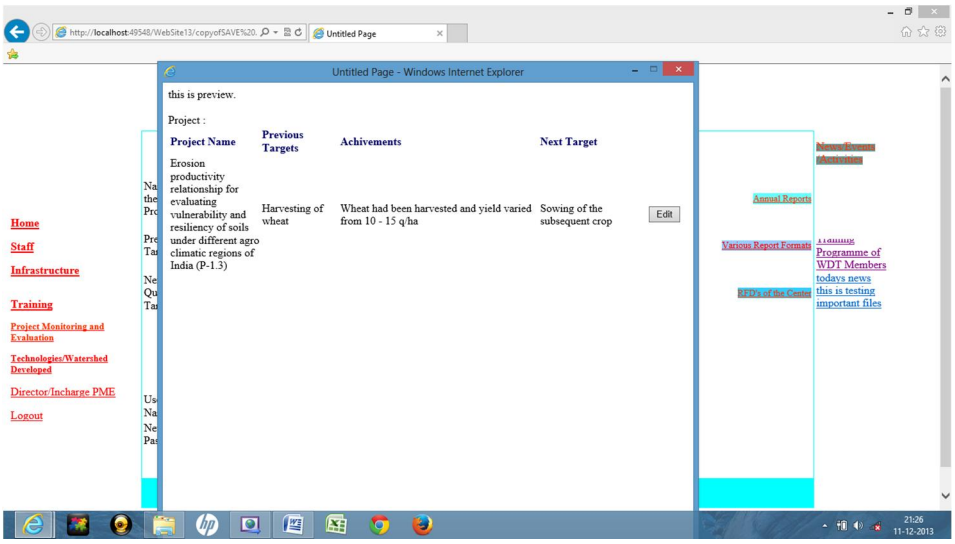

Fig 12. View of submitted target and acheivement

After going through the content, if the user (PI) is satisfied, the user have to close the window and click on "submit" button. If editing is required the user should click "Edit" button and to editthe data and when satisfied click submission.

Caution: Submission is to be done only once

Change of Password: The P.I. can change the password for entry as many times he/she wishes. Institute will provide the password once and it is strongly advised to change the password. To change the password enter the username and put your new password.

In this page also links had been provided on the right side to see the annual reports, RFD and various formats prescribed by the Institute.

To go to the previous page one can click to Back to previous page provided in all the pages.

Targets and achievements for plan project: In a similar way as that for "Targets and achievement for DG" the system of reporting works.

Upload Project Data: Each year annual data generated is to be uploaded in the prescribed format as provided in excel file named "crop Performa" in previous section. The filled in performa can now be uploaded here. Click the "Upload Project Data" you will see the page as given in fig. 13.

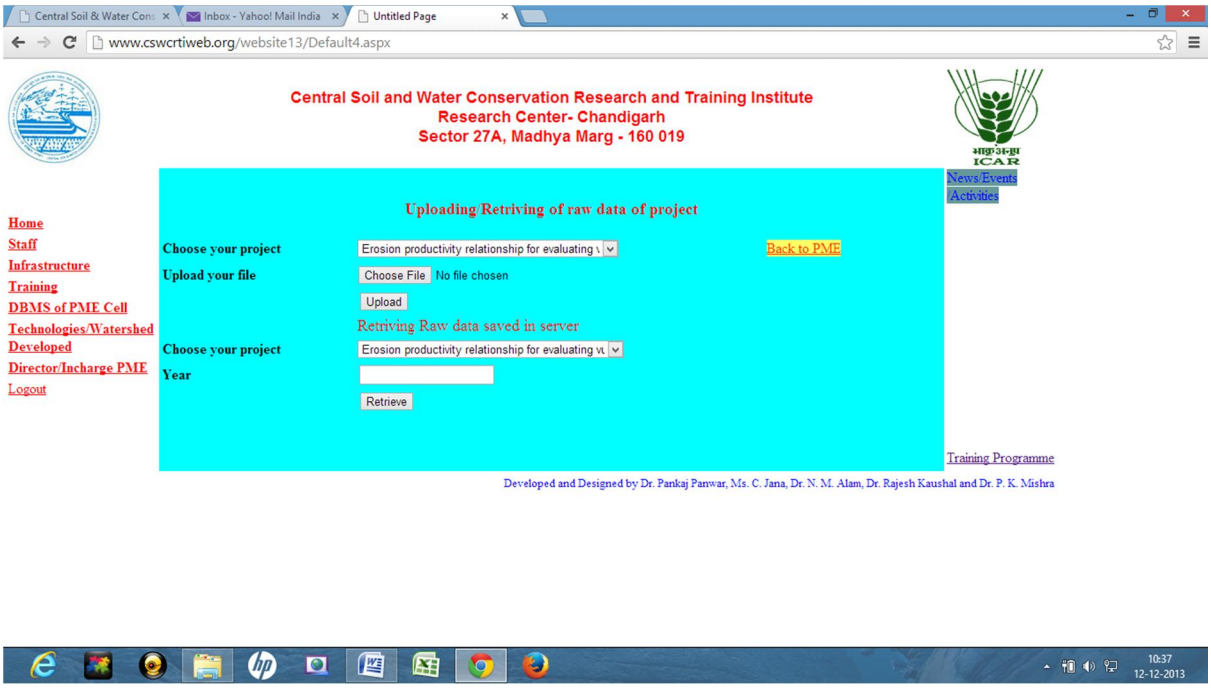

Fig 13 Project information

To upload the data file choose project from the drop down menu, click on "choose file" and select the data file from the location of computer where the data have been saved. Once file is chosen the user will see the path of the file where it had been stored. Click the upload button. The system will prompt you "your file had been saved".

Many a time it is required to retrieve the data which you have uploaded in previous year for writing paper etc. To do so select the project name from drop down list under "Retrieve your raw data" (see Fig. 13) give the year in which the data have been submitted and click "Retrieve". The user will see files below retrieve button (Fig. 14) click the required file and the file will open.

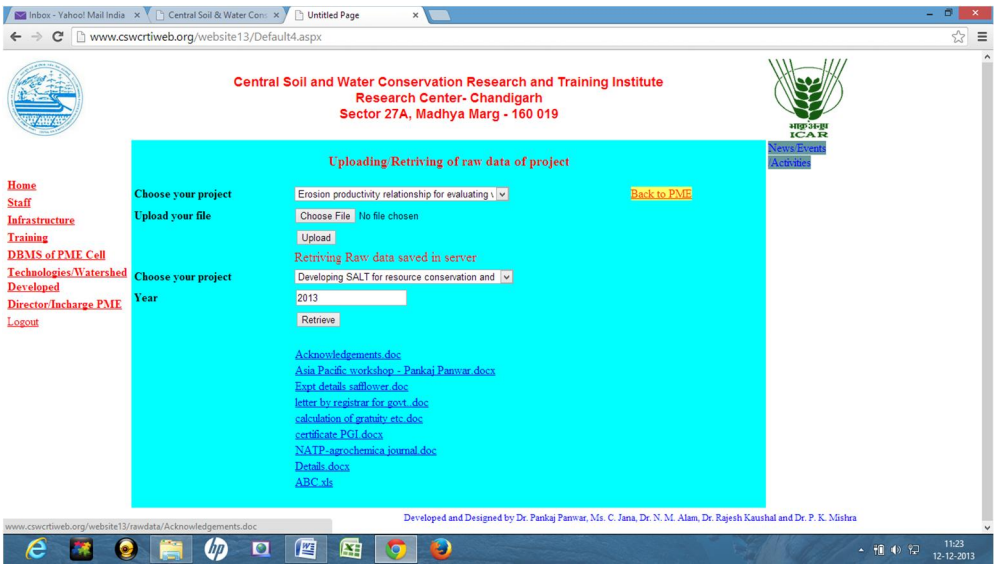

Fig 14 Retrieving the saved data

Log out/Ending the session

To end the session or to log out click the Log out button on the left side of the page. It will log out the session and take the user to Home page.

2.) Incharge PME Cell

Once the scientist had entered the targets and achievements, the content is scrutinised by Incharge PME cell. To do so Incharge had to log in through user name and password just like the individual scientist had done above. Click DBMS for PME > Put user name and password (see fig. 6). After entering the password the Incharge will be directed to a new page (Fig. 15).

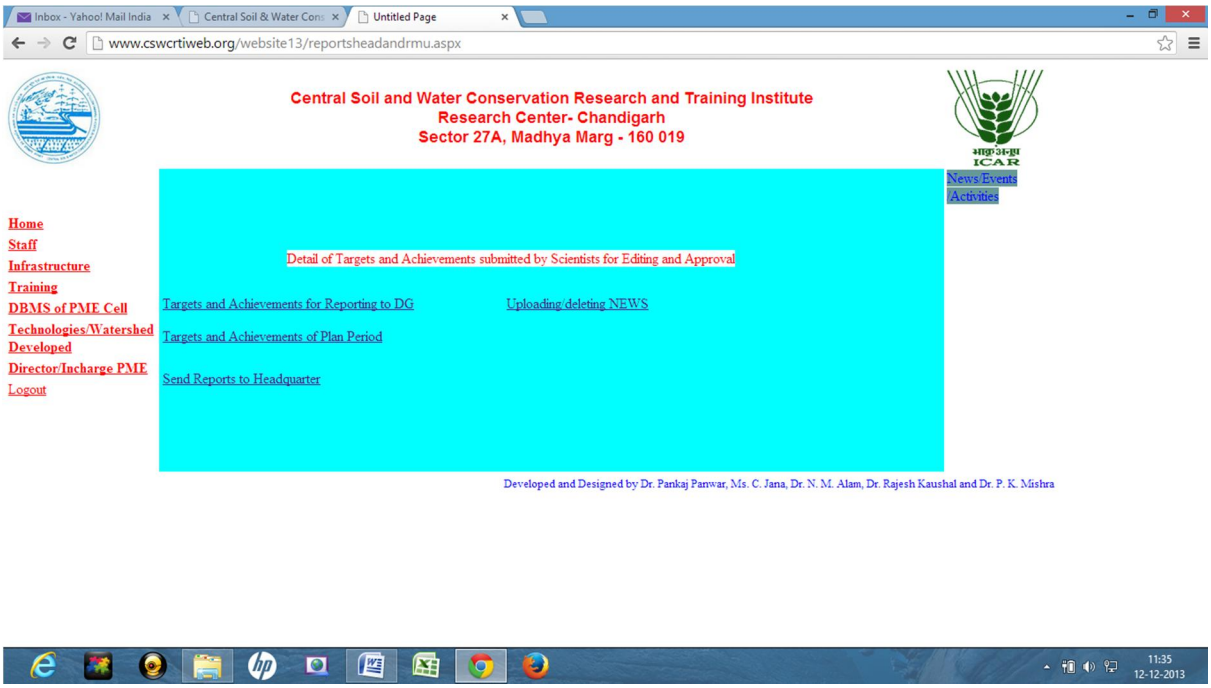
Inbox - Yahoo! Mail India
Central Soil & Water Cons
Untitled Page
www.cswcrtiweb.org/website13/reportsheadandrmu.aspx
Central Soil and Water Conservation Research and Training Institute
Research Center- Chandigarh
Sector 27A, Madhya Marg - 160 019
ICAR
News/Events
Activities
Home
Staff
Infrastructure
Training
DBMS of PME Cell
Technologies/Watershed Developed
Director/Incharge PME
Logout
Detail of Targets and Achievements submitted by Scientists for Editing and Approval
Targets and Achievements for Reporting to DG
Uploading/deleting NEWS
Targets and Achievements of Plan Period
Send Reports to Headquarter
Developed and Designed by Dr. Pankaj Panwar, Ms. C. Jana, Dr. N. M. Alam, Dr. Rajesh Kaushal and Dr. P. K. Mishra
11:35
12-12-2013

Fig 15. Home page of PME Cell Incharge

Reviewing Targets and achievements for reporting to DG: This hyperlink will take the user to the page where a combined targets and achievement of the projects had automatically been compiled in tabular manner (Fig. 16). The content shown in table is the data of even previous years.

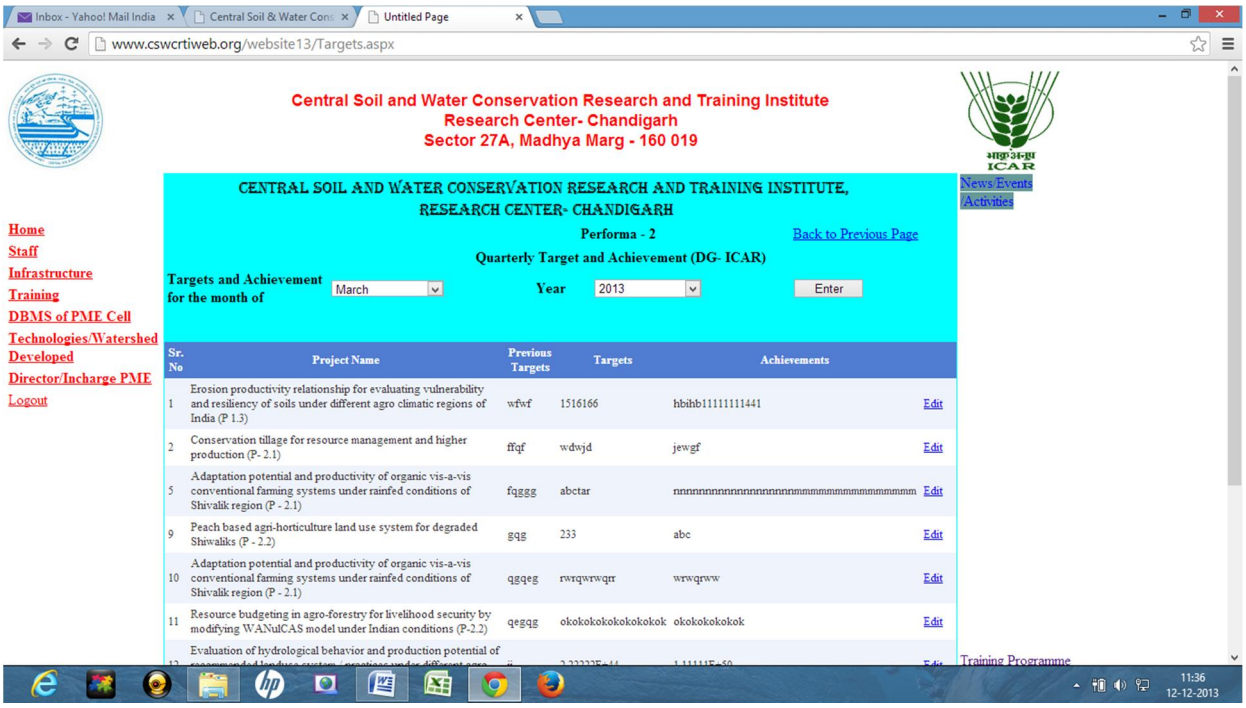
Inbox - Yahoo! Mail India
Central Soil & Water Cons
Untitled Page
www.cswcrtiweb.org/website13/Targets.aspx
Central Soil and Water Conservation Research and Training Institute
Research Center- Chandigarh
Sector 27A, Madhya Marg - 160 019
ICAR
News/Events
Activities
Home
Staff
Infrastructure
Training
DBMS of PME Cell
Technologies/Watershed Developed
Director/Incharge PME
Logout
CENTRAL SOIL AND WATER CONSERVATION RESEARCH AND TRAINING INSTITUTE, RESEARCH CENTER- CHANDIGARH
Performa - 2
Back to Previous Page
Quarterly Target and Achievement (DG- ICAR)
Targets and Achievement for the month of
March
Year
2013
Enter
Sr. No
Project Name
Previous Targets
Targets
Achievements
1 Erosion productivity relationship for evaluating vulnerability and resiliency of soils under different agro climatic regions of India (P 1.3) wfwf 1516166 hbihb11111111441 Edit
2 Conservation tillage for resource management and higher production (P- 2.1) ffqf wdwjd jewgf Edit
5 Adaptation potential and productivity of organic vis-a-vis conventional farming systems under rainfed conditions of Shivalik region (P - 2.1) fqggg abctar Edit
9 Peach based agri-horticulture land use system for degraded Shiwaliks (P - 2.2) gqg 233 abc Edit
10 Adaptation potential and productivity of organic vis-a-vis conventional farming systems under rainfed conditions of Shivalik region (P - 2.1) qgqeg rwrqwrwqrr wrwqrww Edit
11 Resource budgeting in agro-forestry for livelihood security by modifying WANulCAS model under Indian conditions (P-2.2) qegqg okokokokokokokokok okokokokokok Edit
Evaluation of hydrological behavior and production potential of Edit
Training Programme
11:36
12-12-2013

Fig 16. Targets and achievements submitted by PIs

To segregate the data/ to choose the data/targets and achievements of the desired month and year, chose the relevant month and year from drop down menu and click enter. It will take the

userto another page where the content of chosen month and year will be displayed along with the prescribed format of submission (Fig. 17).

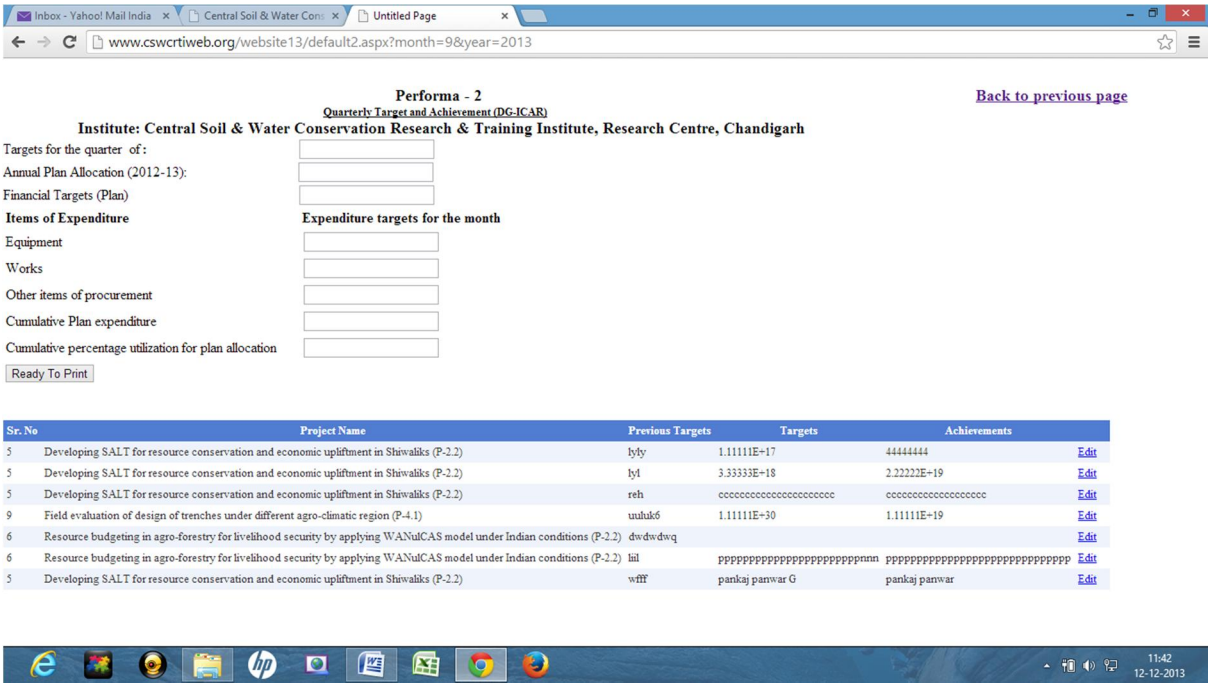
Inbox - Yahoo! Mail India
Central Soil & Water Cons
Untitled Page
www.cswcrtiweb.org/website13/default2.aspx?month=9&year=2013
Performa - 2
Back to previous page
Quarterly Target and Achievement (DG-ICAR)
Institute: Central Soil & Water Conservation Research & Training Institute, Research Centre, Chandigarh
Targets for the quarter of :
Annual Plan Allocation (2012-13):
Financial Targets (Plan)
Items of Expenditure
Expenditure targets for the month
Equipment
Works
Other items of procurement
Cumulative Plan expenditure
Cumulative percentage utilization for plan allocation
Ready To Print
Sr. No
Project Name
Previous Targets
Targets
Achievements
5 Developing SALT for resource conservation and economic upliftment in Shiwaliks (P-2.2) lyly 1.11111E+17 44444444 Edit
5 Developing SALT for resource conservation and economic upliftment in Shiwaliks (P-2.2) lyl 3.33333E+18 2.22222E+19 Edit
5 Developing SALT for resource conservation and economic upliftment in Shiwaliks (P-2.2) reh Edit
9 Field evaluation of design of trenches under different agro-climatic region (P-4.1) uuluk6 1.11111E+30 1.11111E+19 Edit
6 Resource budgeting in agro-forestry for livelihood security by applying WANulCAS model under Indian conditions (P-2.2) dwdwdwq Edit
6 Resource budgeting in agro-forestry for livelihood security by applying WANulCAS model under Indian conditions (P-2.2) lil pppppppppppppppppppppppnnn Edit
5 Developing SALT for resource conservation and economic upliftment in Shiwaliks (P-2.2) wfff pankaj panwar G pankaj panwar Edit
11:42
12-12-2013

Fig 17. Database segregation by PME

Fill the boxes and if the PME Incharge want to edit the targets and achievement click on "edit" make changes and then press update. The changes will be done. Once PME is satisfied press button "Ready to Print". It will show you the following page (Performa 2) (Fig 18)

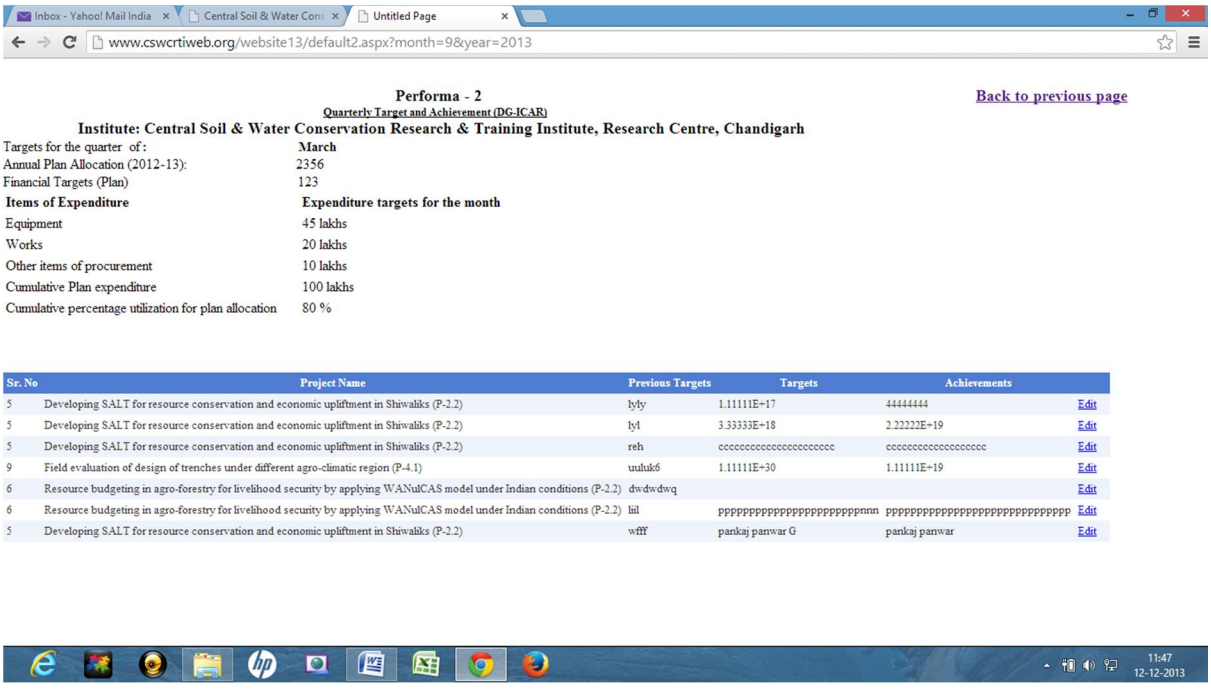
Inbox - Yahoo! Mail India
Central Soil & Water Cons
Untitled Page
www.cswcrtiweb.org/website13/default2.aspx?month=9&year=2013
Performa - 2
Back to previous page
Quarterly Target and Achievement (DG-ICAR)
Institute: Central Soil & Water Conservation Research & Training Institute, Research Centre, Chandigarh
Targets for the quarter of : March
Annual Plan Allocation (2012-13): 2356
Financial Targets (Plan) 123
Items of Expenditure
Expenditure targets for the month
Equipment 45 lakhs
Works 20 lakhs
Other items of procurement 10 lakhs
Cumulative Plan expenditure 100 lakhs
Cumulative percentage utilization for plan allocation 80 %
Sr. No
Project Name
Previous Targets
Targets
Achievements
5 Developing SALT for resource conservation and economic upliftment in Shiwaliks (P-2.2) lyly 1.11111E+17 44444444 Edit
5 Developing SALT for resource conservation and economic upliftment in Shiwaliks (P-2.2) lyl 3.33333E+18 2.22222E+19 Edit
5 Developing SALT for resource conservation and economic upliftment in Shiwaliks (P-2.2) reh Edit
9 Field evaluation of design of trenches under different agro-climatic region (P-4.1) uuluk6 1.11111E+30 1.11111E+19 Edit
6 Resource budgeting in agro-forestry for livelihood security by applying WANulCAS model under Indian conditions (P-2.2) dwdwdwq Edit
6 Resource budgeting in agro-forestry for livelihood security by applying WANulCAS model under Indian conditions (P-2.2) lil pppppppppppppppppppppppnnn Edit
5 Developing SALT for resource conservation and economic upliftment in Shiwaliks (P-2.2) wfff pankaj panwar G pankaj panwar Edit
11:47
12-12-2013

Fig 18. Performa 2

The PME Incharge must Copy the whole content and paste in any word file. Give suitable and relevant name to the file and save it in your computer for sending it to headquarter (after getting go ahead from Head of the center). See section "send reports to Headquarter .

Targets and Achievements of Plan Period: To send this report follow the procedure as elaborated above.

Send Reports to Headquarter: Various reports are to be sent to headquarter by PME cell namely Targets and achievement of plan, DG, Monthly cabinet reports, STIMM, Quarterly report, Proceeding of seminar on Foreign journal paper or added from time to time by the headquarter and to be reported by PME cell of the centres. On selecting Send Reports to Headquarter you will be prompted to new page (Fig. 19).

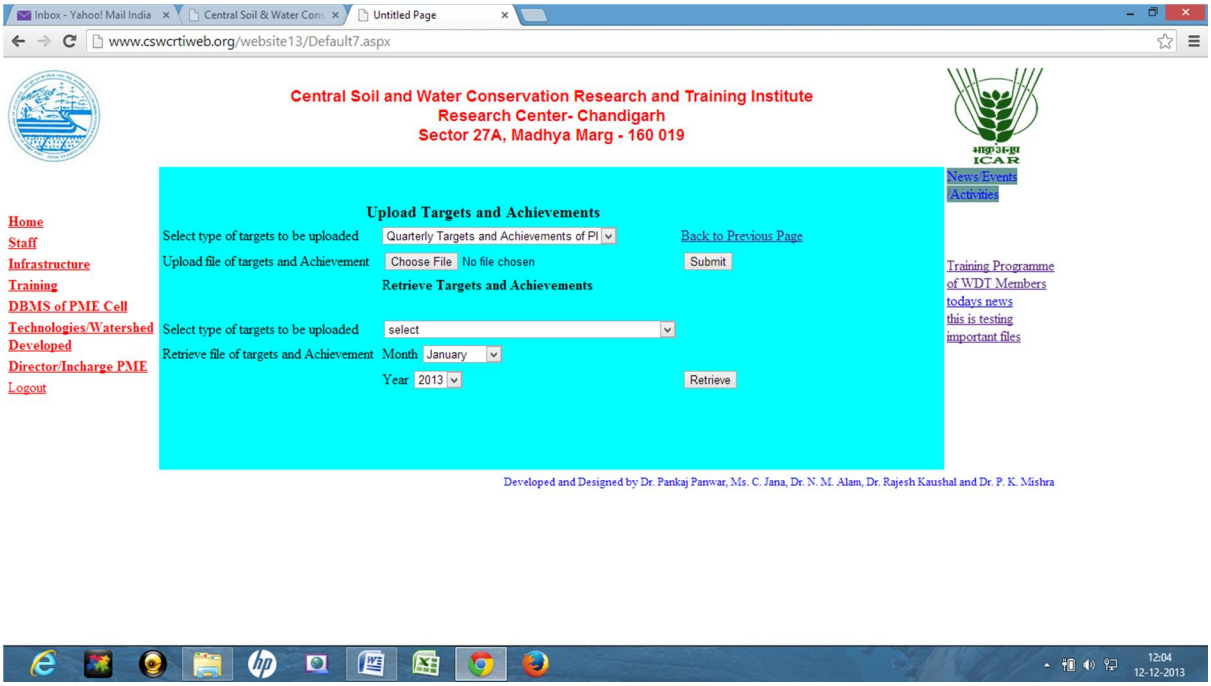

Fig 19. PME Page

To send the reports select the type of report from drop down menu, choose the file from the place where the file/data/information has been stored on the computer and press submit button. The system will give the message "your record is saved".

Many a time it is required to see the previous report submitted to the head quarter. To see the uploaded files select the type of document from drop down menu under Retrieve section, choose the month in which uploaded and the year and click retrieve button. The files available will be shown below the retrieve button. The first digits before file are the year of its uploading and next two figures reflects the month of its upload. Chose the relevant file and click on it. The file will open.

Uploading/deleting news: The centres are actively engaged in training and other programs which are to be publicised. To do so the PME Cell of the Centres can upload such news and

also delete it as and when the program is over. On selecting the “Uploading/deleting news” you will go the page shown in Fig.20.

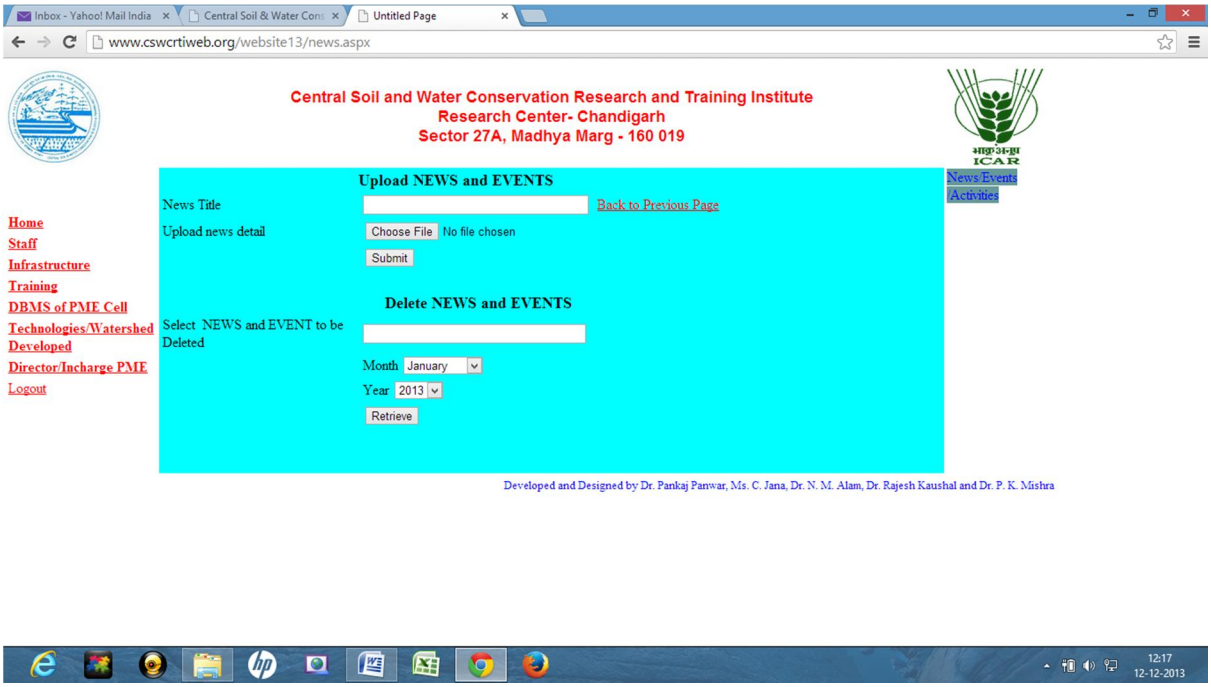

Fig 20. Uploading or deleting information

To upload the news/events Type the title of the news which should be short and informative, chose the file from your computer and add and Submit it. The system will prompt you “your record is saved. The file name will now appear on the right side of the page under news/events/activities and will be scrolling. If it does not appear refresh the page.

Once the event is over and the information required is to be deleted, copy and paste the title from the page from where it is scrolling (this is done to avoid spelling mistake as the title had to be exactly the same). Select the month and year in which t was uploaded and click retrieve button. The user (PME) will see the file appearing below the retrieve button. Just after the filename a delete button is available click the button (Fig. 21). The news item will now disappear from the news item. If it does not happen refresh the site or go to another page.

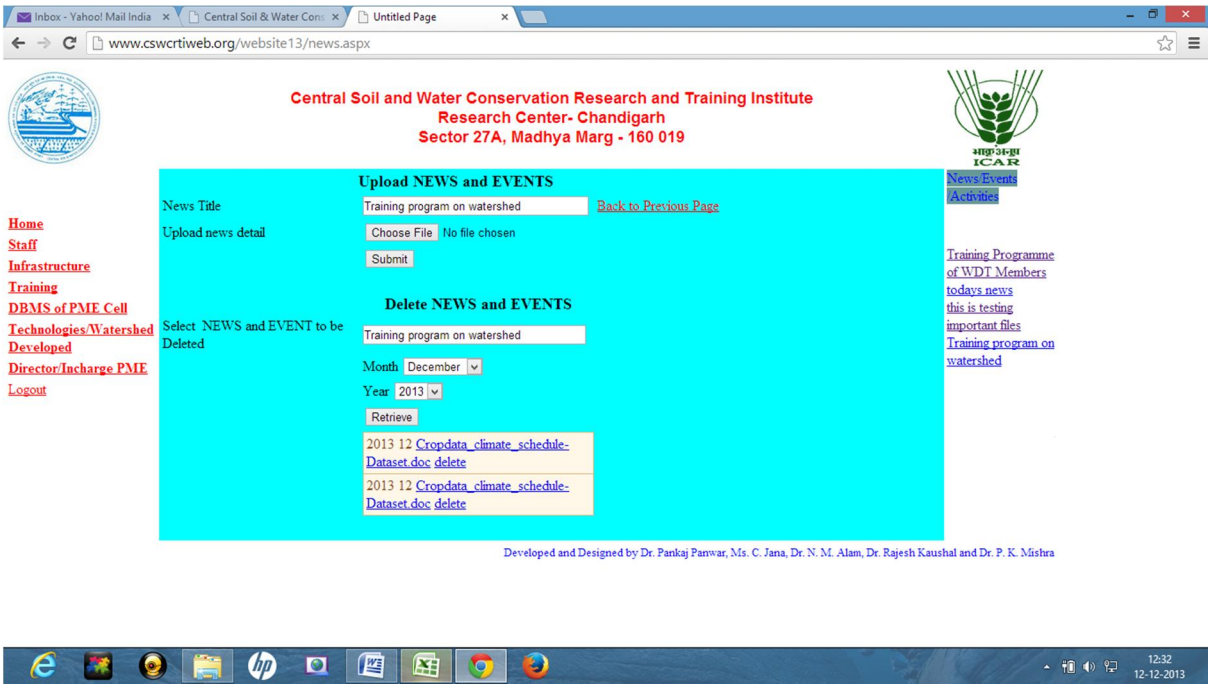

Fig 21..Delete a news or evevt

Log out as and when required by pressing Log out from the left hand side menu.

3.) Head of the centre

The third module is for Head of the centre/Division (see fig 6). The aim is to get the authentication by the head prior to sending the information to headquarter. Therefore, similar system had been placed to Head as that for Incharge PME so that the information available/ uploaded by Incharge PME is also available to Head. The module, system and its working is similar as shown above under Incharge PME.

Technologies/Watershed Developed

This is a open access module. In this module the technologies developed by the center and watershed developed and their out puts had been displayed which can be seen and even downloaded by any person. On choosing this module the user will be prompted to the new page showing the details (Fig. 22).

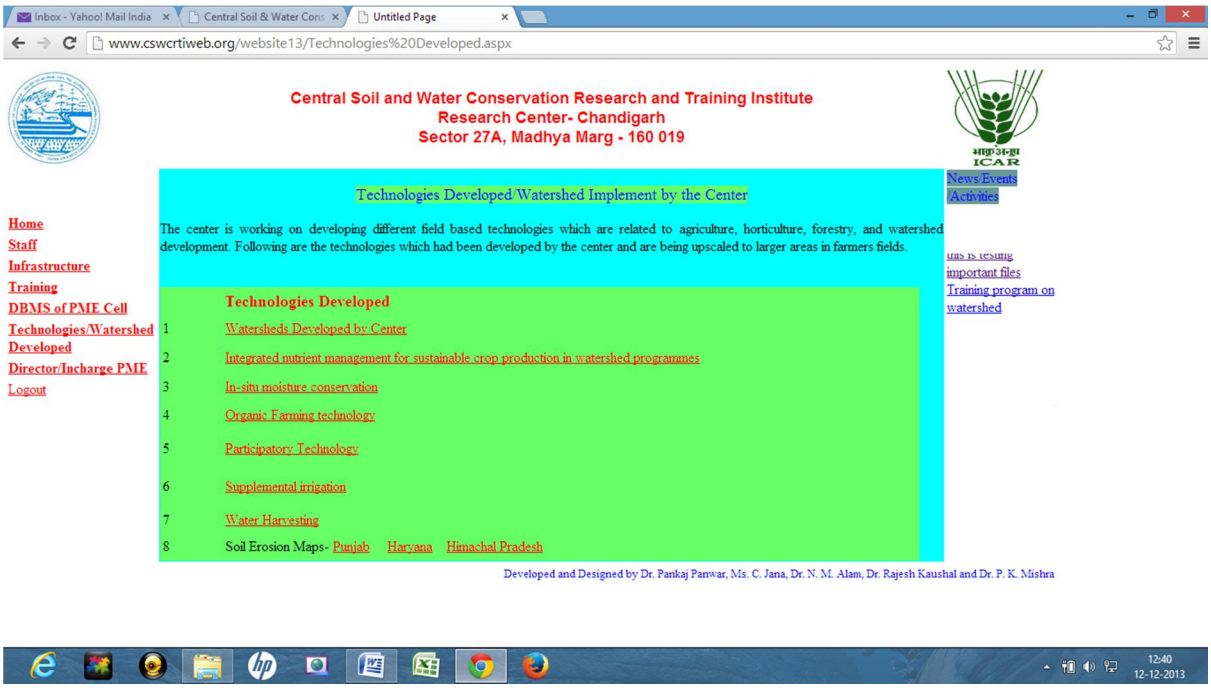
Inbox - Yahoo! Mail India
Central Soil & Water Cons
Untitled Page
www.cswcrtiweb.org/website13/Technologies%20Developed.aspx
Central Soil and Water Conservation Research and Training Institute
Research Center- Chandigarh
Sector 27A, Madhya Marg - 160 019
Home
Staff
Infrastructure
Training
DBMS of PME Cell
Technologies/Watershed Developed
Director/Incharge PME
Logout
Technologies Developed/Watershed Implement by the Center
The center is working on developing different field based technologies which are related to agriculture, horticulture, forestry, and watershed development. Following are the technologies which had been developed by the center and are being upscaled to larger areas in farmers fields.
Technologies Developed
1 Watersheds Developed by Center
2 Integrated nutrient management for sustainable crop production in watershed programmes
3 In-situ moisture conservation
4 Organic Farming technology
5 Participatory Technology
6 Supplemental irrigation
7 Water Harvesting
8 Soil Erosion Maps- Punjab Haryana Himachal Pradesh
News/Events
Activities
important files
Training program on watershed
Developed and Designed by Dr. Pankaj Panwar, Ms. C. Jana, Dr. N. M. Alam, Dr. Rajesh Kaushal and Dr. P. K. Mishra
12:40
12-12-2013

Fig 22. Technologies/Watershed Developed

Click on any of the hyperlink, the file containing the details will be downloaded. The information given is in brief and hence for detailed query one can contact the relevant person/Head/Director of the Institute.

Director /PME Cell Incharge of Headquarter

The Director and /or PME Cell Incharge of the Headquarter requires frequent monitoring of the data submitted or require the reports and progress for compilation and onward communication. Therefore this module had been developed. Director and Incharge PME of the Headquarter can see the progress of any project of the institute and any report of the center by just click of the button.

On choosing the Director/PME Incharge a new page will open (Fig 23)

Fig 23. Director/PME Cell Incharge Page

Enter the user name and password and the user (Director/PME Cell Incharge) will be prompted to a new page (Fig 24).

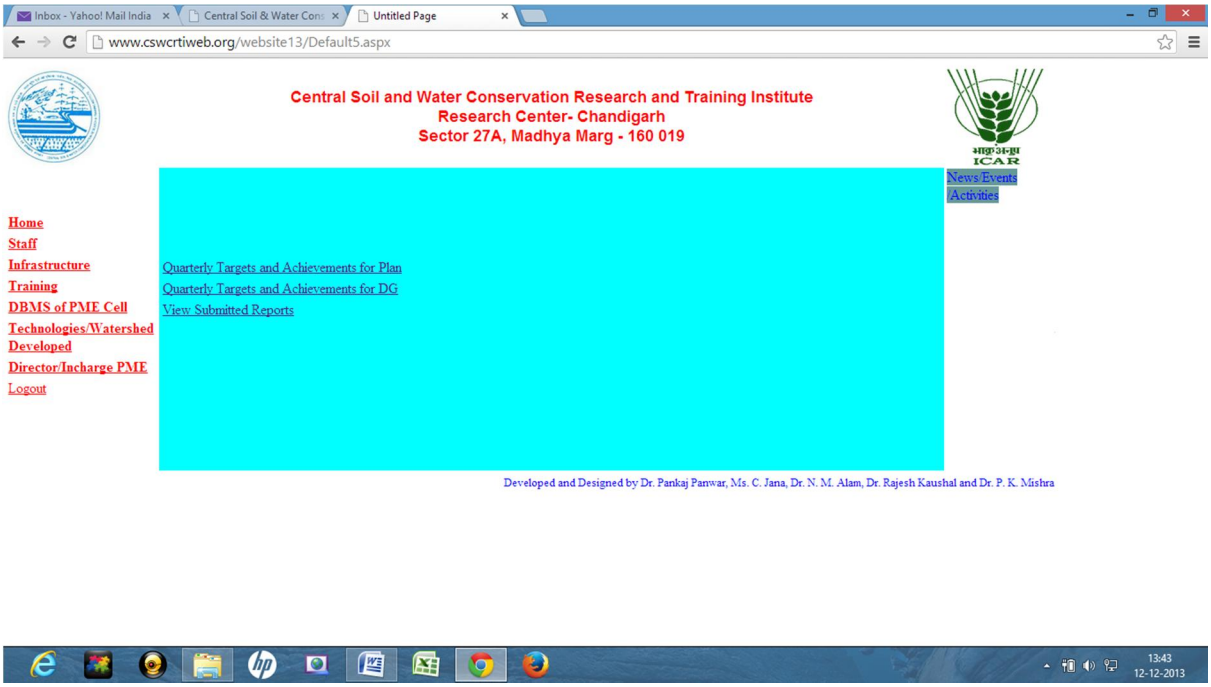

Fig 24. Director/PME Cell Incharge Page

Quarterly targets and achievement for plan and for DG can be viewed as is explained in sections above under Incharge PME.

The reports which had been submitted by the Centres/Division can be viewed by the Director/Incharge PME Cell by clicking on View Submitted Reports (Fig 25)

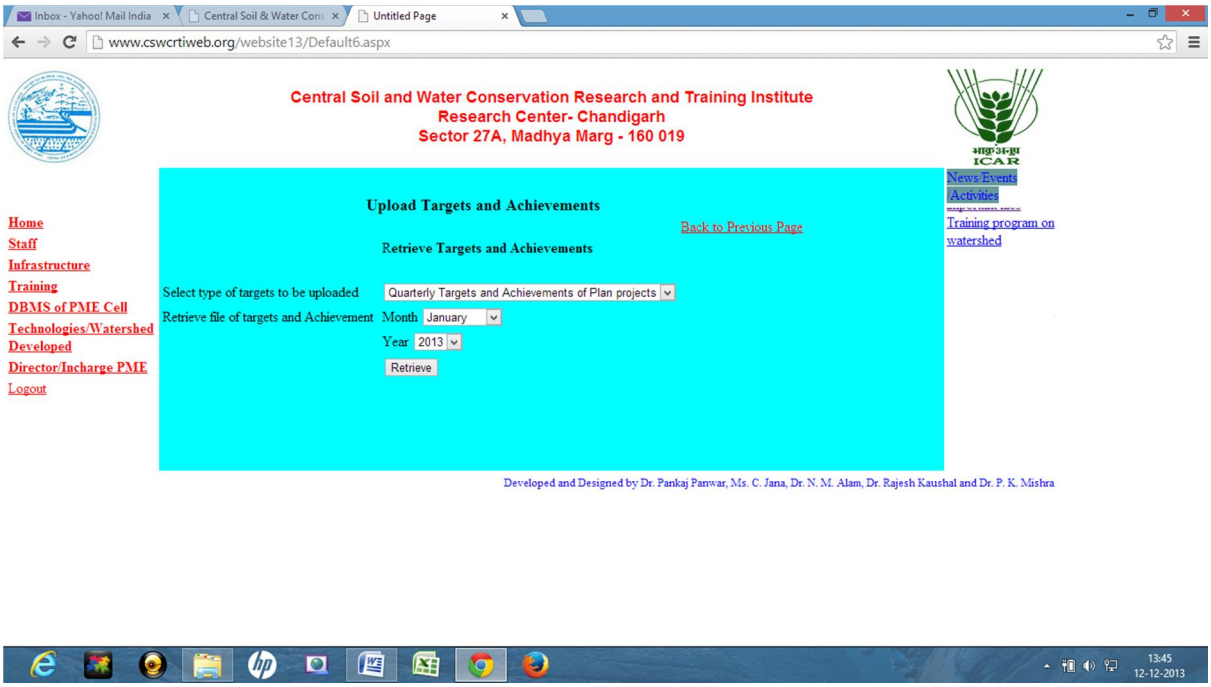

Fig 25. Target achievement to be seen by Director/PME Cell

To see different types of submitted reports, select the relevant report from drop down menu, chose the month and year and press retrieve button. The hyper link will be seen below the retrieve button (Fig. 26). The relevant file will open on clicking on the hyperlink.

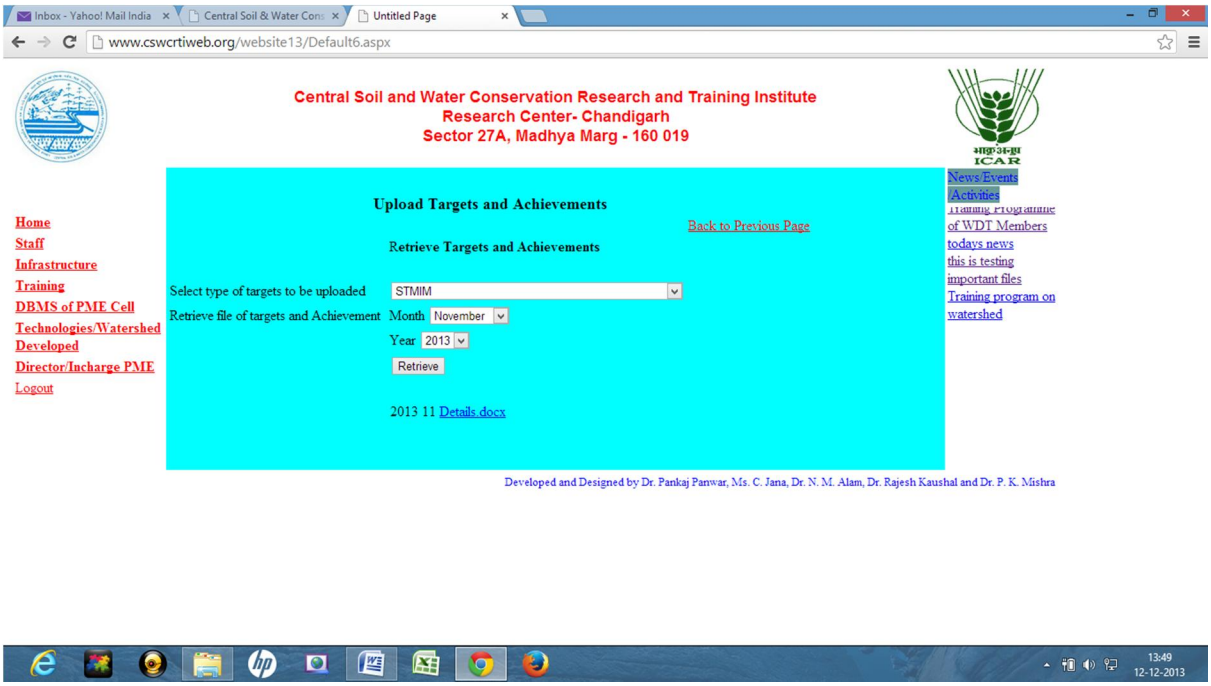

Fig 26. Selecting particular type of targets sent by Centre

Safety and cautions

Since the DBMS will contain the raw data of the projects hence system had been made in such a way that the scientist who had uploaded the data from his user name and password for a particular project of which he is a P.I., the uploaded data will not be available to any other scientist. Therefore, it is advised that after completing your work ensure that you have logged out from the DBMS by pressing Logout button.